

Product Information

MemDX™ Membrane Protein Human ITGB5 (Integrin subunit beta 5) Full Length

Cat. No.: **MPC3384K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human ITGB5 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

ITGB5

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MPRAPAPLYACLLGLCALLPRLAGLNICTSGSATSCEECLLIHPKCAWCS
KEDFGSPRSITSRCDLRANLVKNGCGGEIESPASSFHVLRSLPLSSKGSG
SAGWDVIQMTPQEIAVNLRPGDKTTFQLQVRQVEDYPVDLYYLMDSL
KDDLNIIRSLGTKLAEEMRKLTSNFRLGFGSFVDKDISPFSYTAPRYQTN
PCIGYKLFNCVPSFGFRHLLPLTDRVDSFNEEVRKQRVSRNRDAPEGGF
DAVLQAAVCKEKIGWRKDALHLLVFTTDDVPHIALDGKLGGLVQPHDGQC
HLNEANEYTASNQMDYPSLALLGEKLAENNINLIFAVTKNHYMLYKNFTA
LIPGTTVEILDGDSKNIIQLIINAYNSIRSKVELSVWDQPEDLNLFFTAT
CQDGVSYPGQRKCEGLKIGDTASFEVSLEARSCPSRHEHVFAALRPVGFR
DSLEVGVTYNCTCGCSVGLPNSARCNNGSGTYVCGLCECSPGYLGTRCEC
QDGENQSVYQNLCREAEGKPLCSGRGDCSCNQCSCFESEFGKIYGPFC
DNFSCARNKGVLCSGHGECHCGECKCHAGYIGDNCNCSTDISTCRGRD
ICSERGHCLCGQCQCTEPGAFGEMCEKCPTCPDACSTKRDCVECLLLHSG
KPDNQTCHSLCRDEVITWVDITVKDDQEAVLCFYKTAKDCVMMFTYVELP
SGKSNLTVLREPECGNTPNAMTILLAVVGSILLVGLALLAIWKLLVTIHD
RREFAKFQSERSRARYEMASNPLYRKPISTHTVDFTFNKFNKSYNGTVD

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

ITGB5

Full Name

Integrin subunit beta 5

Introduction

This gene encodes a beta subunit of integrin, which can combine with different alpha chains to form a variety of integrin heterodimers. Integrins are integral cell-surface receptors that participate in cell adhesion as well as cell-surface mediated signaling. The alphav beta5 integrin is involved in adhesion to vitronectin.

Alternative Names

ITGB5; integrin beta-5; testis secretory sperm-binding protein Li 217p; Integrin subunit beta 5

Gene ID

[3693](#)

UniProt ID

[P18084](#)